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Please replace the paragraph beginning at page 68, lines 30-37, with the following amended paragraph:

MJA 01/04/08

A bovine collagen-specific Th0 hybrid was transduced with retroviral constructs containing T-bet GFP or GFP only under the control of the TcR inducible IL-2 promoter. Transduced populations were FACS sorted on GFP twice, rested and then stimulated with anti-CD3 and supernatants ~~supernatants~~ collected at 60 hours to measure cytokine production by ELISA. (Figure 6). Control retroviral vectors which had not affect ~~effect~~ included anti-sense T-bet.

Please replace the paragraph beginning at page 69, lines 7-15, with the following amended paragraph:

BALB/c CD4 T cells were infected after 36 hours of primary activation ~~activation~~ by anti-CD3 plus anti-CD28, harvested on day 7 and intracellular IFN-gamma and IL-2 staining performed 5 hours after stimulation with PMA and ionomycin as described in Experimental Procedures. Data are shown ~~shown~~ as two-color plots showing GFP expression (FL1) versus intracellular cytokine (FL2) of events gated on expression of CD4. Primary T cells from MBP TcR transgenic mice were stimulated using MBP (Ac1-11) at 6 uM and infection performed on day 1 with IL-2/GFP and IL-2/T-bet/GFP. On day 7, cells were sorted for GFP expression, rested for 1 day and then intracellular cytokine analysis performed after a 5 hour stimulation with PMA and ionomycin.

Please replace the paragraph beginning at page 71, lines 1-10, with the following amended paragraph:

Example 10. T-bet also redirects polarized Tc2 [cells] into the Th1 pathway

Although most attention has focused on the CD4+ T lymphocyte, it is apparent that cytotoxic CD8+ T cells also may also be divided into IFN- γ -producing (Tc1) and IL-4-producing (Tc2) subsets. The ability of T-bet to redirect fully polarized Tc2 cells into a Tc1 pathway was tested. Purified CD8+ T cells were therefore ~~therefore~~ differentiated in culture under Tc2 polarizing conditions for 9 days to accomplish full differentiation. Figure 10.